UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the October/November 2008 question paper

0652 PHYSICAL SCIENCE

0652/05

Paper 5 (Practical Test), maximum raw mark 30

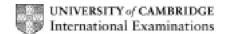
This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

• CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the October/November 2008 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



Page 2		ge 2	Mark Scheme	Syllabus	Paper
			IGCSE – October/November 2008	0652	05
1	(a)		E correct llow if clearly not mm values are reversed		[1]
	(c)		nplete sets of readings i.e. for 20 oscillations range of masses		
	(d)		t must have at least 3 readings of 20 oscillations of to 2 dp		[4]
	(e)				
		best stra	ight line for their points and is reasonable straight lin	е	[4]
	(f)	correctly if line is I	is shown on graph for any reasonable straight line calculated made up of parts, NO marks for (f) area involving the plots is used		[2]
	(g)	accuracy	calculated for candidate's figures y – between 8 and 10 llow this mark if straight line mark not given		[2]
	(h)		onable answer – one mark for each peating more times'		[2] [Total: 15]
2	(a)	(i) white	e ppt. do not allow 'milky'		[1]
		(ii) fizze	es		
		pops			[3]
			rvescence/bubbles OR Mg disappears		[1]
		cont	an acid ains sulphate w one if sulphuric acid		[2]
	(b)		of sodium hydroxide allow Na ₂ CO ₃ or aqueous NH ₃		
		red-brow iron(III)	n ppt.		[3]

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(c) (i) deco	plourised/loses its colour/goes white		[1]
` '	e <u>ppt</u> . olves in the acid		[2]
(iii) dirty	green ppt.		[1]
(d) the iron(l	III) has been changed to iron(II) OR the iron has be	en reduced OR W	ΓΤΕ [1]
			[Total: 15]

Syllabus

Paper

Mark Scheme

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